

Nur für Forschungszwecke

VPS72 Polyklonaler Antikörper

Katalog-Nr.: 15143-1-AP

Vorgestelltes Produkt

1 Publikationen



Allgemeine Informationen

Katalog-Nr.:
15143-1-AP

Größe:
150ul, Konzentration: 450 µg/ml von
Nanodrop und 247 µg/ml durch die
Bradford-Methode mit BSA als
Standard;

Wirt:
Kaninchen

Isotyp:
IgG

Immunogen Katalognummer:
AG7424

GenBank-Zugangsnummer:
BC003151

GeneID (NCBI):
6944

Vollständiger Name:
vacuolar protein sorting 72 homolog
(S. cerevisiae)

Berechnete Masse:
41 kDa

Beobachtete Masse:
57 kDa

Reinigungsmethode:
Antigen-Affinitätsreinigung

Empfohlene Verdünnungen:
WB 1:500-1:1000
IP 0.5-4.0 µg für IP und 1:500-1:1000
für WB
IHC 1:500-1:2000

Anwendungen

Geprüfte Anwendungen:

IHC, IP, WB, ELISA

Getestete Reaktivität:

Human, Maus, Ratte

Hinweis-IHC: Antigenmaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigenmaskierung auch mit Citratpuffer pH 6,0 erfolgen.

Positivkontrollen:

WB: HeLa-Zellen, A549-Zellen, Maus-Skelettmuskulgewebe, NIH/3T3-Zellen

IP: NIH/3T3-Zellen,

IHC: humanes Mammaryhyperplasie-Gewebe,

Hintergrundinformationen

The mammalian TRRAP/TIP60-containing histone acetyltransferase (HAT) complex, which exists in *Drosophila melanogaster* and mammalian cells, is a complex that is responsible for various cellular processes, including DNA repair, transcriptional activation and apoptosis. Vacuolar protein sorting-associated protein 72 homolog (VPS72), also known as VPS72 or Transcription factor-like 1, is a 364 amino acid subunit of the TRRAP/TIP60 HAT complex. VPS72 has also been identified as a subunit of a novel complex containing SNF2-related helicase SRCAP (SWI2/SNF2-related CBP activator protein). This SRCAP-containing complex is very similar to the *S. cerevisiae* SWR1 chromatin remodeling complex. The involvement of VPS72 in these complexes has suggested that VPS72 plays multiple roles in chromatin modification and remodeling in cells. VPS72 localizes to the nucleus and is phosphorylated upon DNA damage, most likely by ATM or ATR.

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Sophie Barral	28366643	Mol Cell	

Lagerung

Lagerungsbedingungen:

Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil

Lagerungspuffer:

PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.

Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

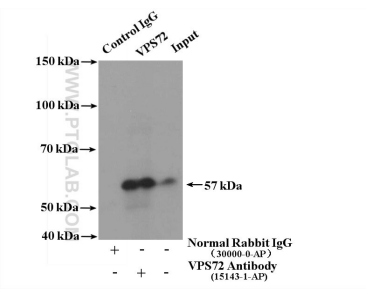
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

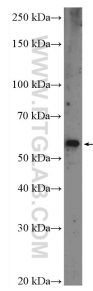
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

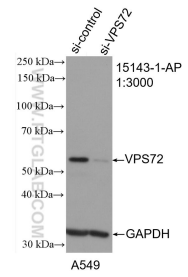
Ausgewählte Validierungsdaten



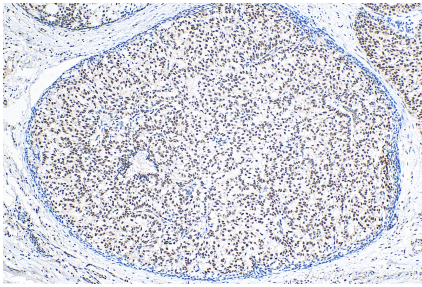
IP result of anti-VPS72 (IP:15143-1-AP, 4 μ g; Detection:15143-1-AP 1:500) with NIH/3T3 cells lysate 4000 μ g.



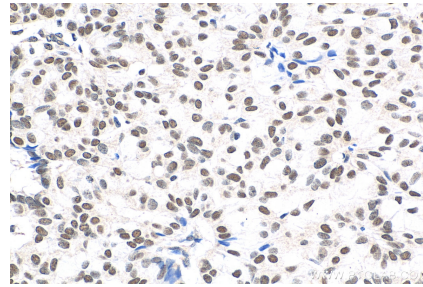
HeLa cells were subjected to SDS PAGE followed by western blot with 15143-1-AP (VPS72 Antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



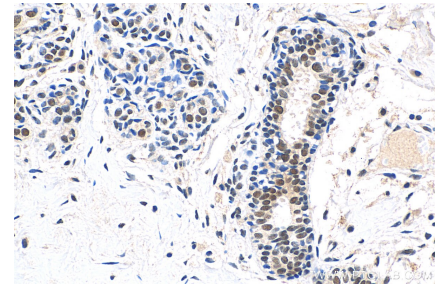
WB result of VPS72 antibody (15143-1-AP; 1:3000; incubated at room temperature for 1.5 hours) with sh-Control and sh-VPS72 transfected A549 cells.



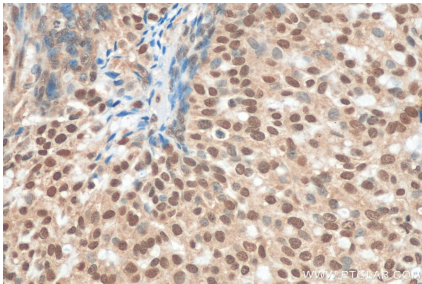
Immunohistochemical analysis of paraffin-embedded human breast hyperplasia tissue slide using 15143-1-AP (VPS72 antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human breast hyperplasia tissue slide using 15143-1-AP (VPS72 antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human breast hyperplasia tissue slide using 15143-1-AP (VPS72 antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human breast hyperplasia tissue slide using 15143-1-AP (VPS72 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).